

ABSTRACT

A fixed pixel display device has a construction such that the leading-edge and trailing-edge waveforms of a voltage to be applied to a data electrode can be made steep. The fixed pixel display device is provided with scanning electrodes, data electrodes connected to actuation drivers (50), and light-emitting regions. The actuation drivers (50) each includes a switching circuit, an output circuit (51) and a subtraction circuit (52). The switching circuit is equipped with a first and switching circuits (53), (54) and a comparator 55. When a difference ($D_{m,n} - D_{m-1,n}$) between values of data for controlling states of light emission at light-emitting regions composed by the scanning electrodes in m^{th} and $(m-1)^{\text{th}}$ rows is not smaller than a first reference value [not greater than a second reference value], the first switching circuit (53) [the second switching circuit (54)] is maintained in an ON state to apply a first voltage V_1 [a second voltage V_2] to the data electrode in an n^{th} column. When the difference is smaller than the first reference value and is greater than the second reference value, the first and second switching circuits (53), (54) are maintained in OFF states, respectively.